



2643/12

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: A7583

Harry B. SMITH

Appln. No.: 09/665,658

Group Art Unit: 2643

Confirmation No.: 5537

Examiner: Alexander JAMAL

Filed: September 20, 2000

For: METHOD AND MEANS FOR INCREASING INHERENT CHANNEL CAPACITY FOR WIRED NETWORK

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

<u>Serial No.</u>	<u>Applicant's Name</u>	<u>Filing Date</u>
09/453,526	Harry B. Smith	December 3, 1999

One copy of each of the listed documents is submitted herewith, except for the following:  
U.S. patents and/or U.S. patent publications if this application was filed after June 30, 2003; and  
co-pending non-provisional U.S. applications filed after June 30, 2003.

INFORMATION DISCLOSURE STATEMENT  
U.S. Appln. No.: 09/665,658

The present Information Disclosure Statement is being filed (without a Statement Under 37 C.F.R. § 1.97(e)) after the later of three months from the application's filing date and the mailing date of the first Office Action on the merits, but before a Final Office Action, Notice of Allowance, or an action that otherwise closes prosecution in the application (whichever is earlier), and therefore a check for the fee of \$180.00 under 37 C.F.R. § 1.17(p) is attached.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,



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WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

Date: November 23, 2004

Attorney Docket No.: A7583

Substitute for Form 1449 A & B/PTO		Complete if Known		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	09/665,658	
		Confirmation Number	5537	
		Filing Date	September 20, 2000	
		First Named Inventor	Harry B. SMITH	
		Art Unit	2643	
		Examiner Name	Alexander JAMAL	
Sheet	1	of	Attorney Docket Number	A7583

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US 5694416		12-02-1997	JOHNSON
		US 6167286		12-26-2000	WARD et al.
		US 6058318		05-02-2000	KOBAYAKAWA et al.
		US 5585803		12-17-1996	MIURA et al.
		US 6185440	B1	02-06-2001	BARRATT et al.
		US 6201955	B1	03-13-2001	JASPER et al.
		US 6104935		08-15-2000	SMITH et al.
		US 6630431	B2	10-07-2003	BERGLUND
		US 5203023		04-13-1993	SAITO et al.
		US 6081566		06-27-2000	MOLNAR et al.
		US 5771439		06-23-1998	KENNEDY, Jr. et al.
		US 5757318		05-26-1998	REUDINK
		US 5995499		11-30-1999	HOTTINEN et al.
		US 6640110	B1	10-28-2003	SHAPIRA et al.

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.